

## CLAIMS

1. A regenerated collagen fiber, which comprises 100 parts by weight of collagen and 1 to 100 parts by weight of a thermoplastic resin.
2. The regenerated collagen fiber as described in claim 1, wherein the thermoplastic resin is one obtained by polymerizing at least one member selected from the group consisting of alkyl acrylate monomers, alkyl methacrylate monomers, acrylic acid, methacrylic acid, vinyl cyanide monomers, aromatic vinyl monomers and halogenated vinyl monomers.
3. The regenerated collagen fiber as described in claim 1, wherein the thermoplastic resin has a glass transition temperature of 0°C to 120°C.
4. The regenerated collagen fiber as described in claim 1, wherein the thermoplastic resin has a glass transition temperature of 30°C to 100°C.
5. A process for producing a regenerated collagen fiber, which comprises mixing 1 to 100 parts by weight of a thermoplastic resin with 100 parts by weight of collagen, and

drying the mixture at a temperature of 100°C or lower than that.

6. A process for producing a regenerated collagen fiber, which comprises mixing 1 to 100 parts by weight of a thermoplastic resin with 100 parts by weight of collagen, and drying the mixture at a temperature of 100°C or lower than that so that contraction ratio of the fiber is 30% or less.